

Fig 1

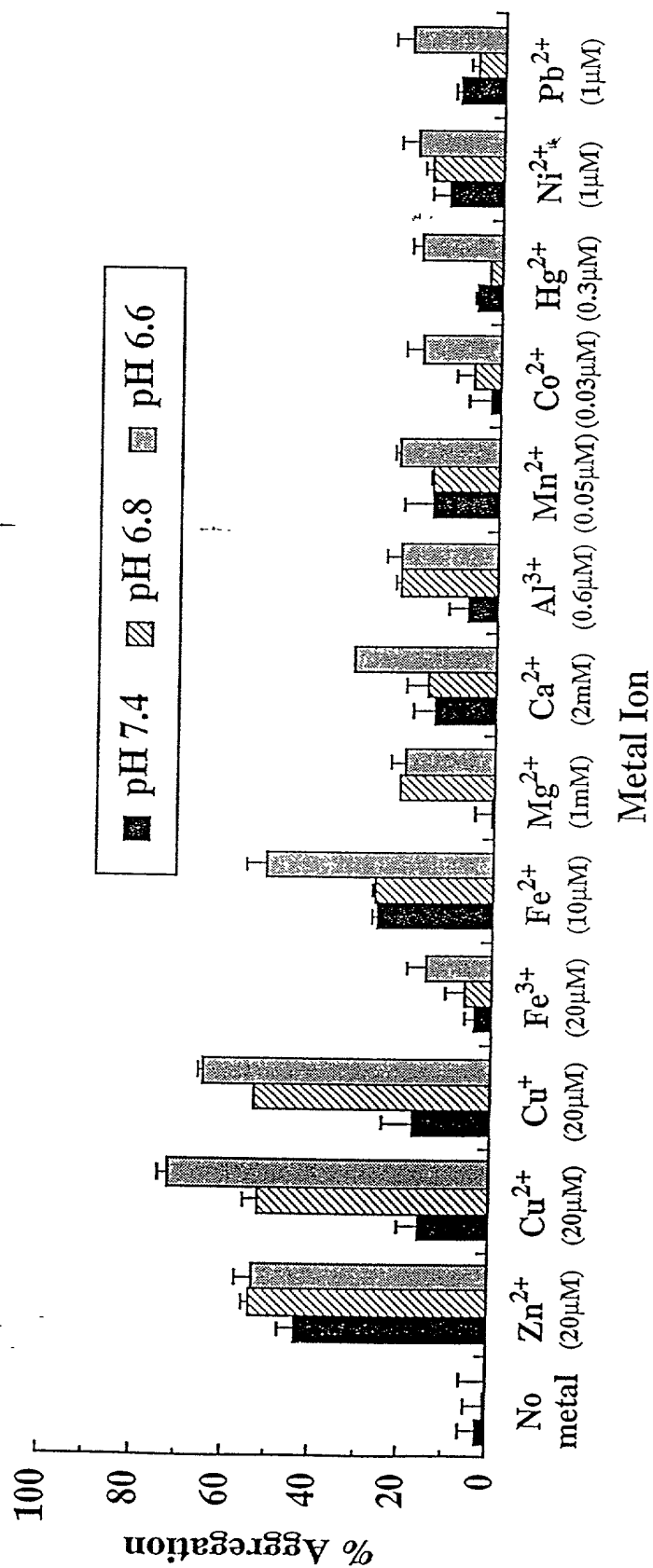


Fig 2A

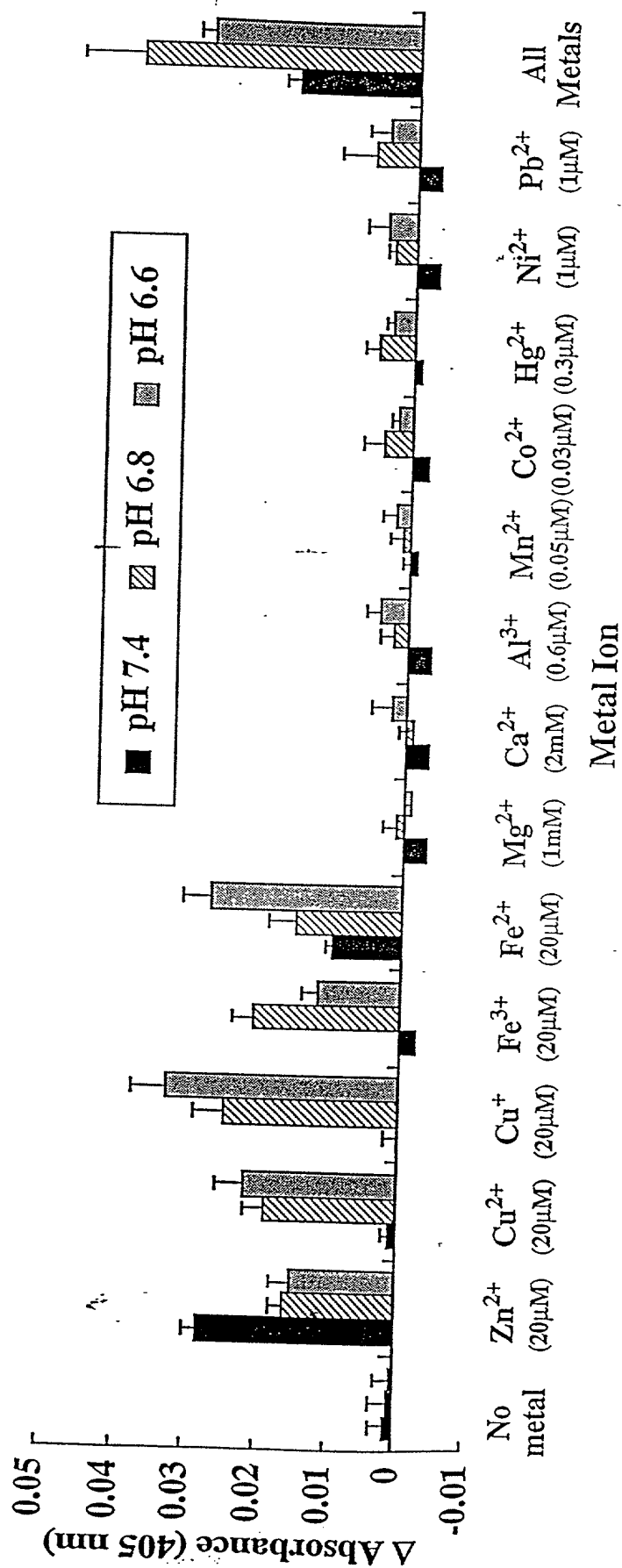


Fig. 2B

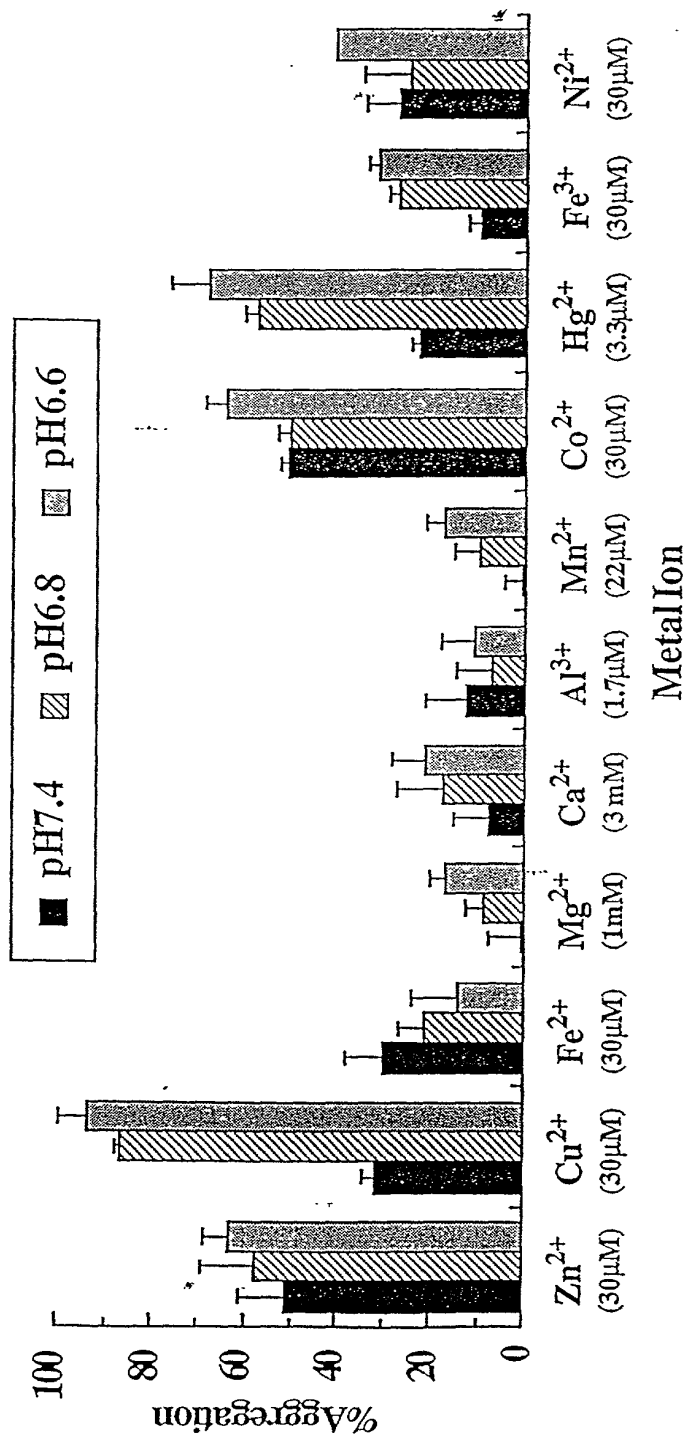
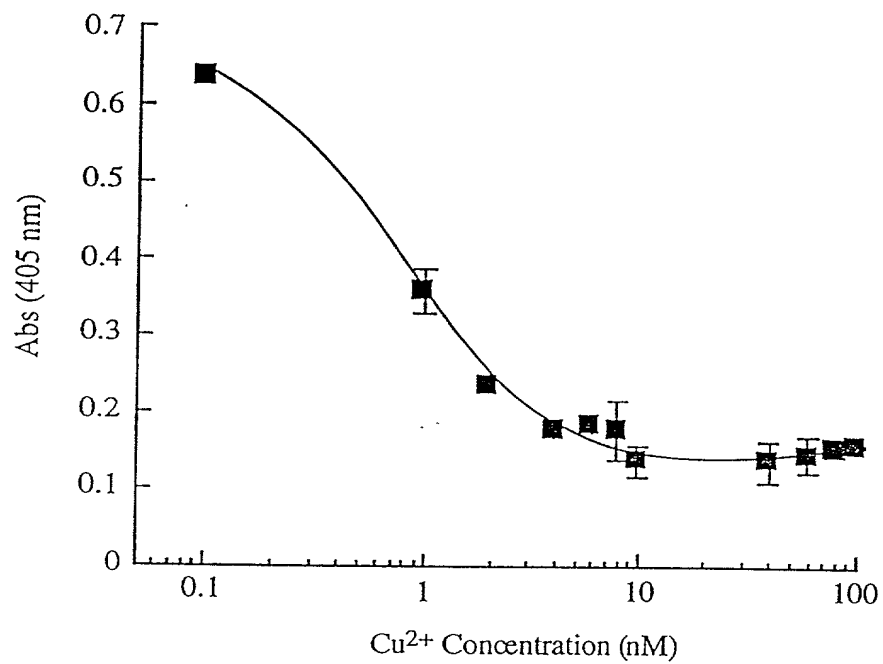


Fig 2C



F.g. 3

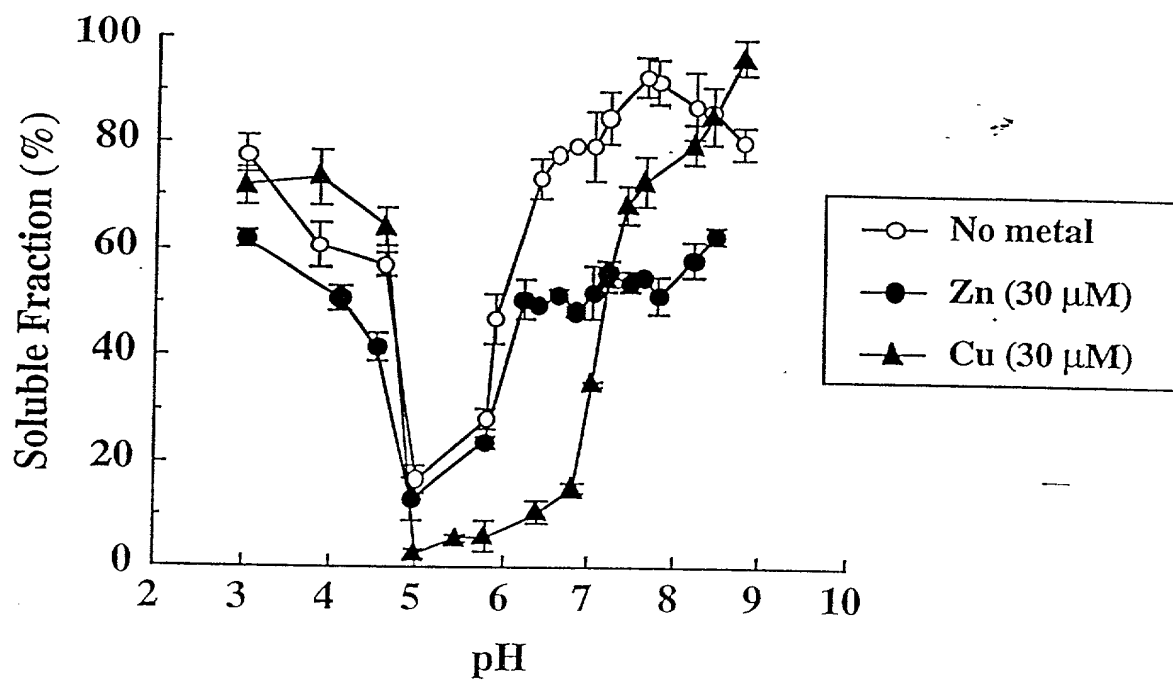


Fig. 4 A

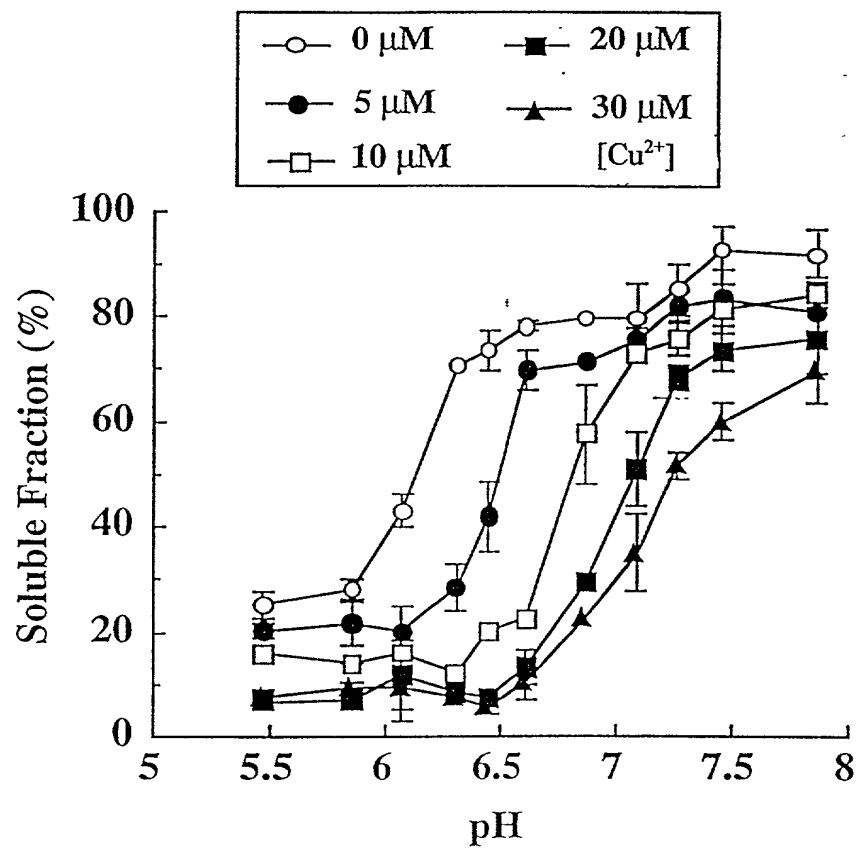


Fig 4 B.

Relative Signal

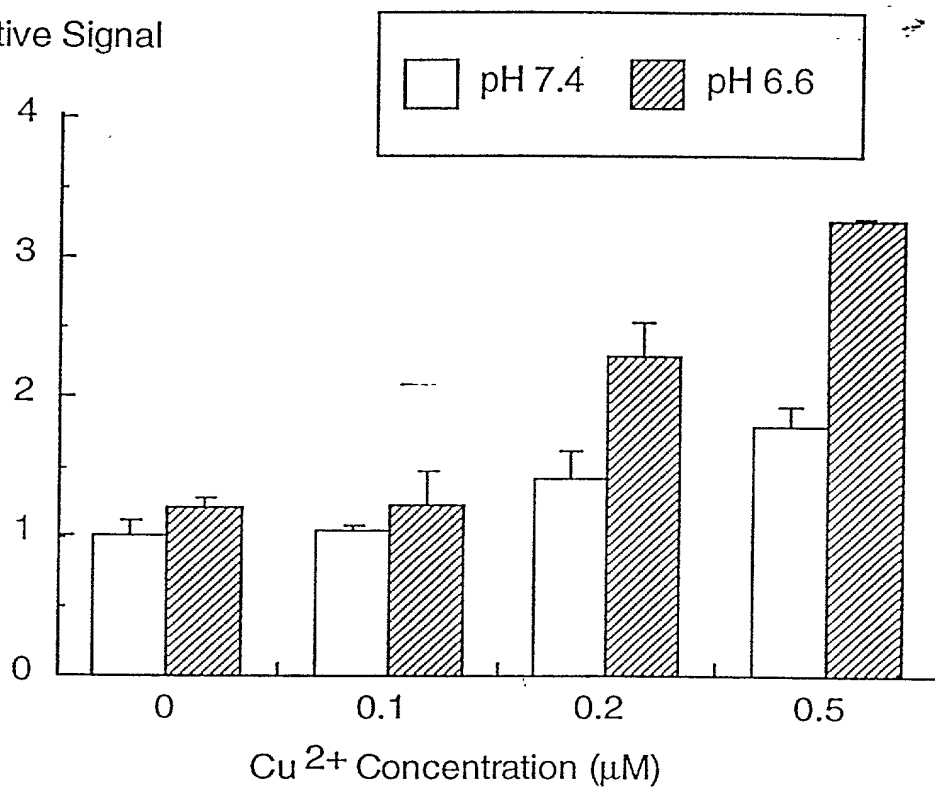


Fig. 4 C

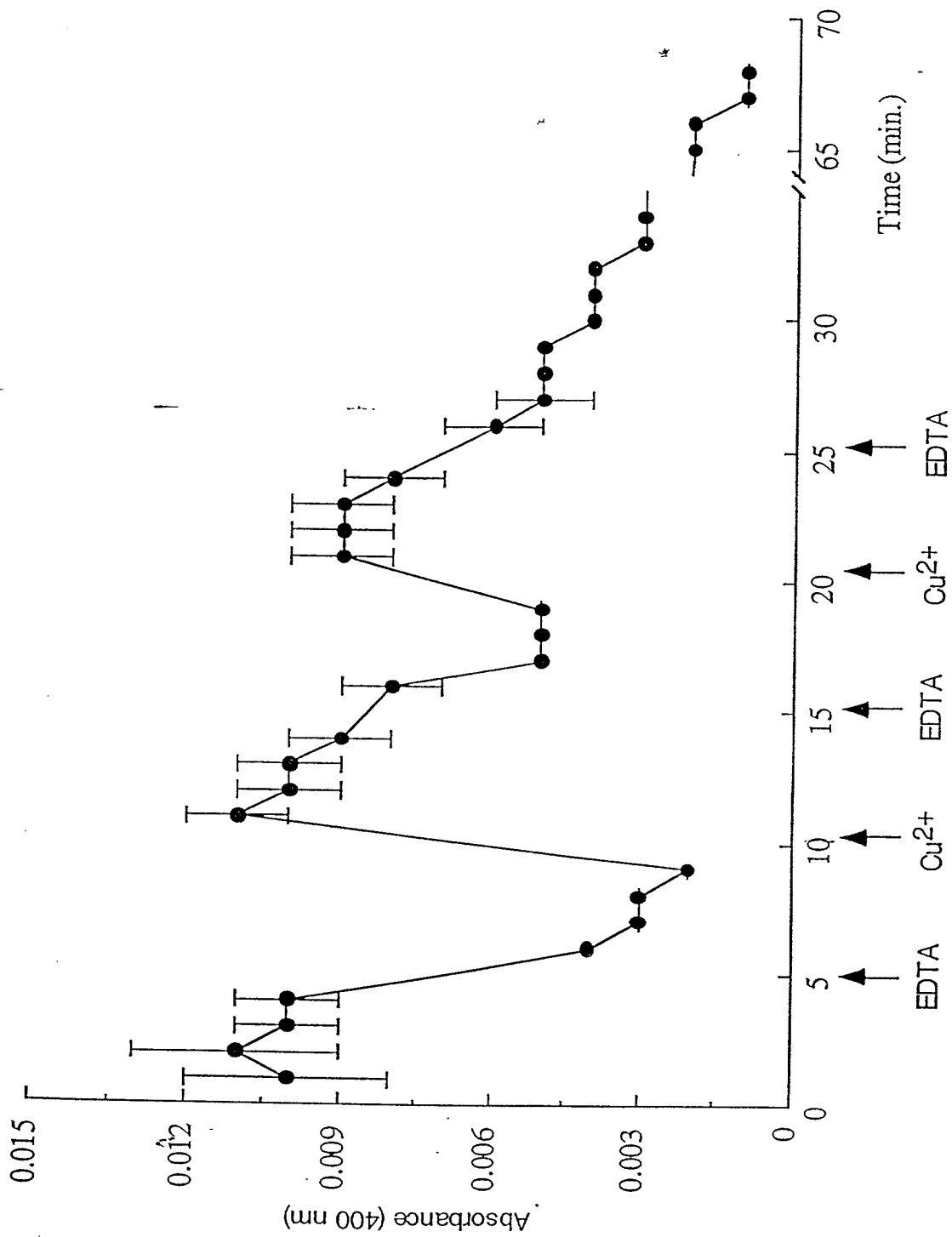


Fig. 5A

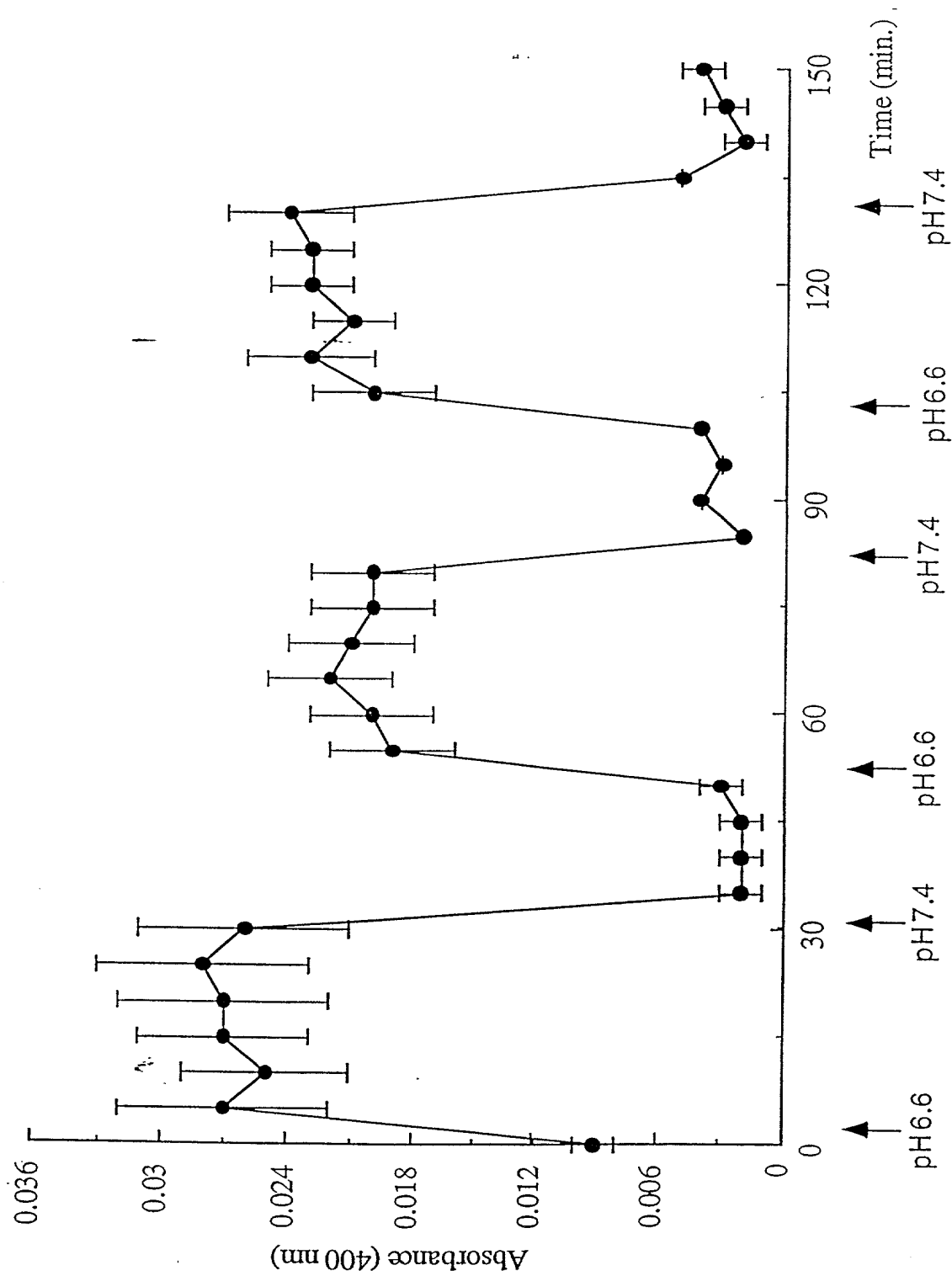


Fig. 5B

Fig 6

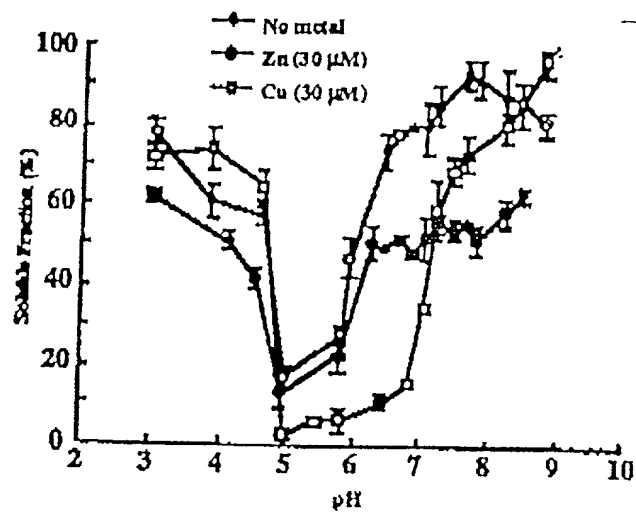


Fig. 7

Fig. 8

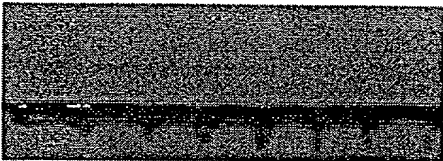
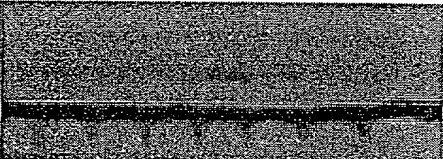


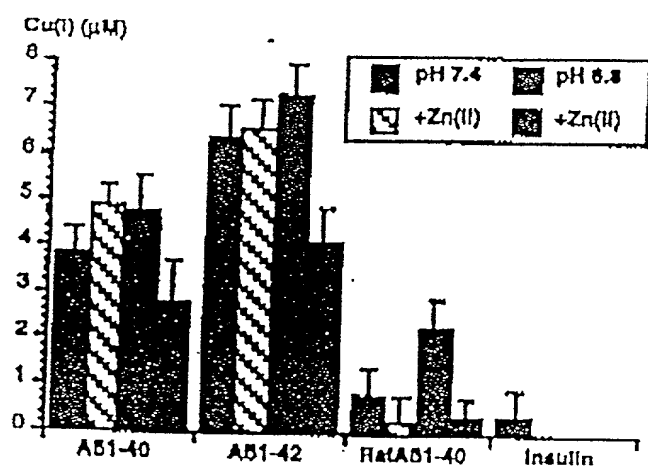
	No metal			Cu2+		Zn2+		
	9.0	7.4	6.6	7.4	6.6	7.4	6.6	
Day 0								-21.5 -14.3 -6.5 -3.4
Day 1								-21.5 -14.3 -6.5 -3.4
Day 3								-21.5 -14.3 -6.5 -3.4
Day 5								-21.5 -14.3 -6.5 -3.4

Fig. 9

* Fig. 10



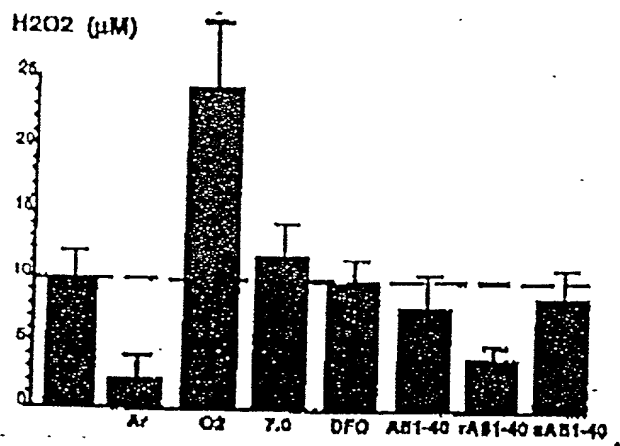


Fig. 11

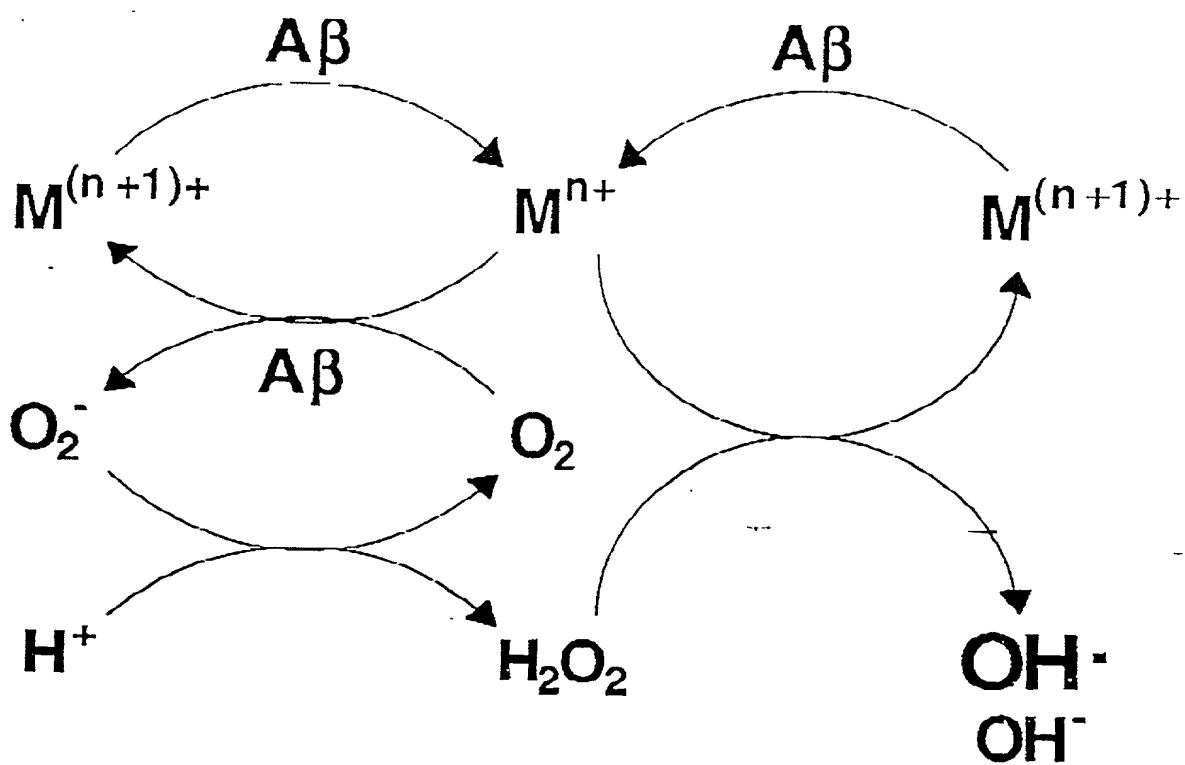


Fig. 12

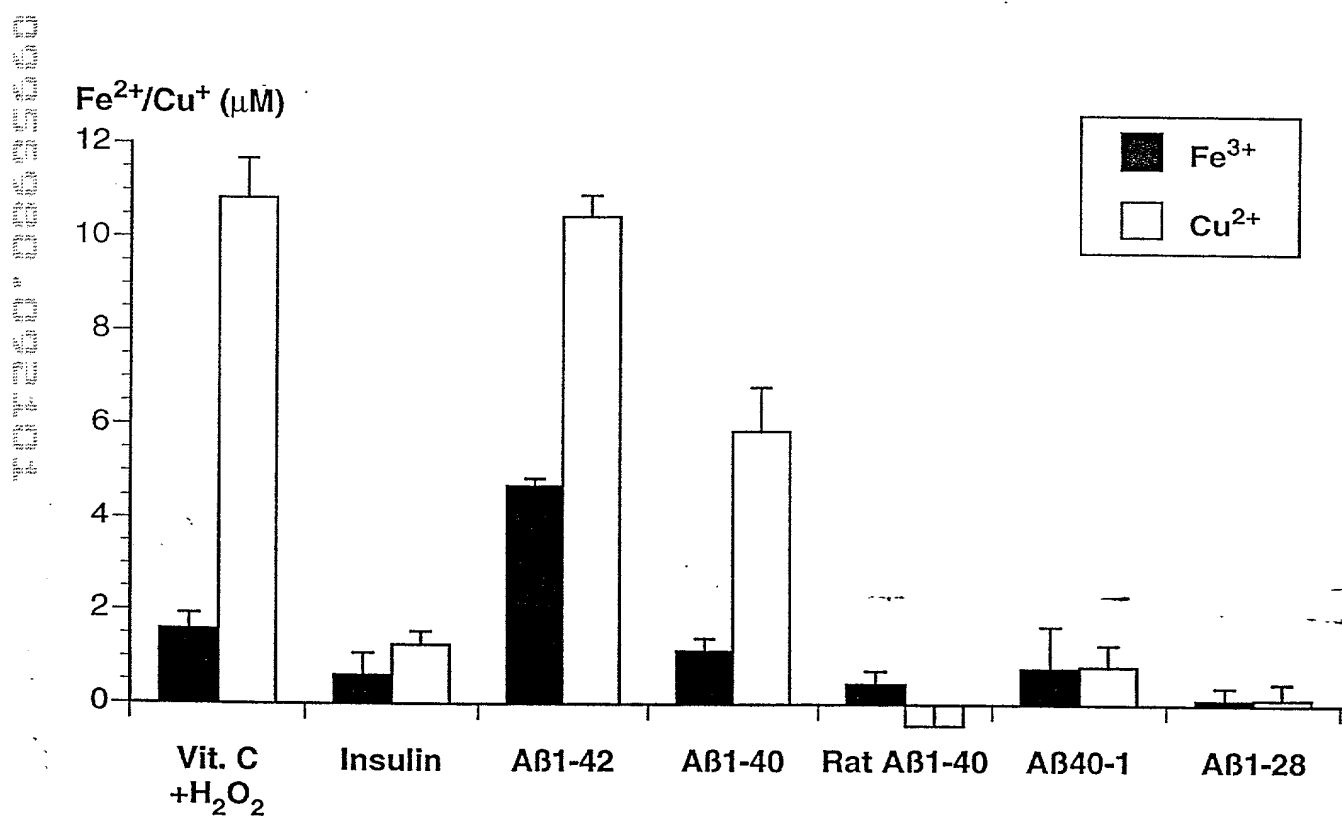


Fig. 13A

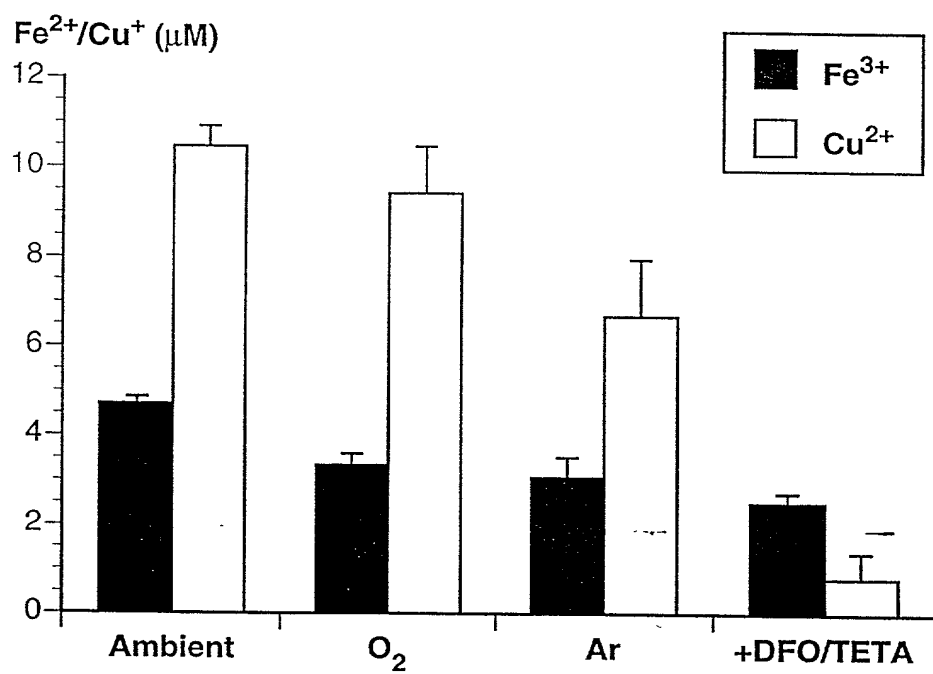


Fig. 13B

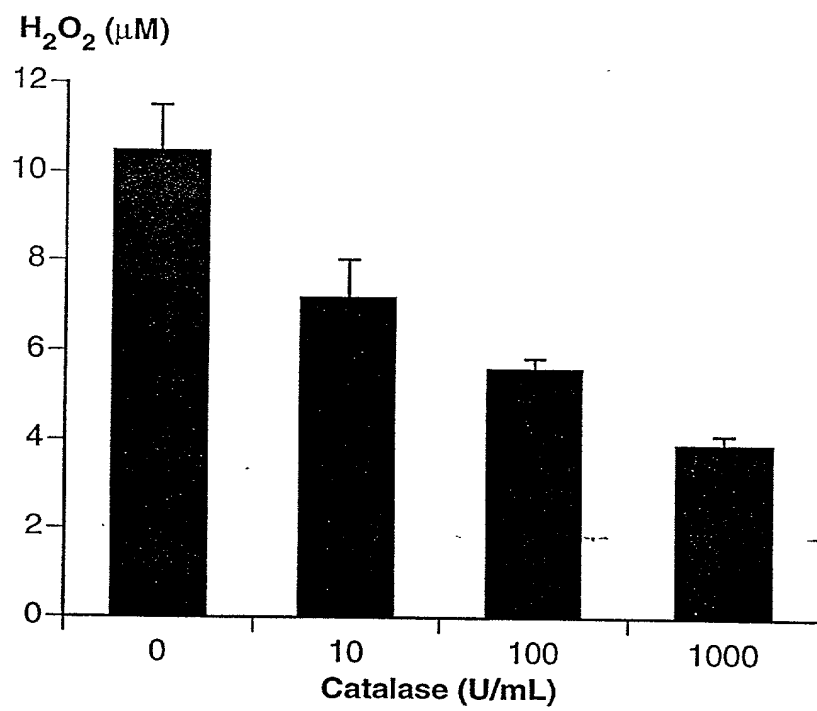


Fig. 14A

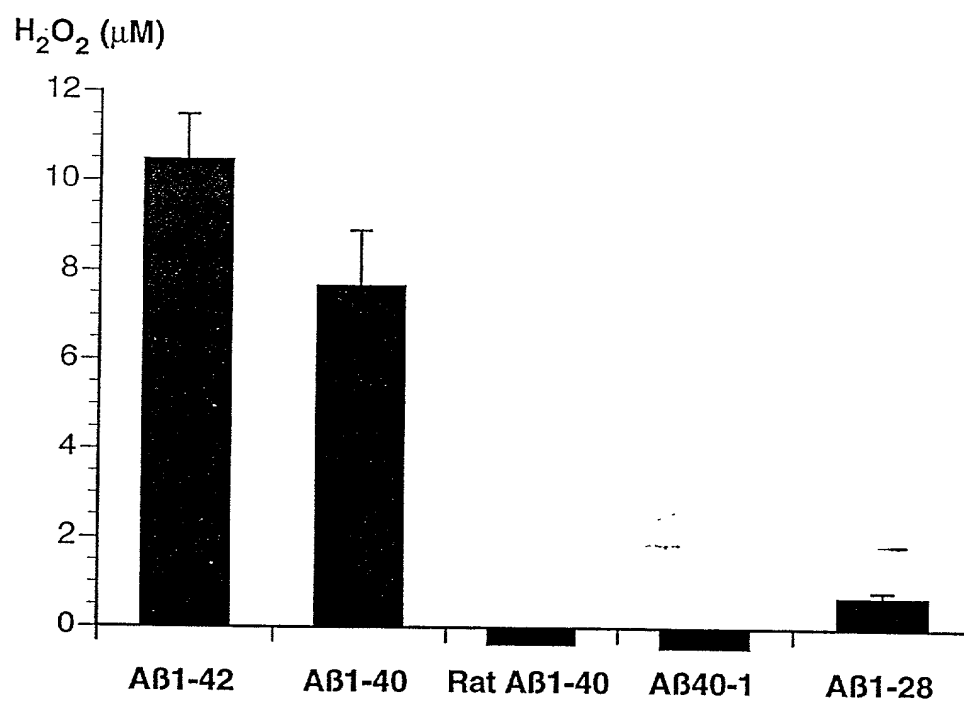


Fig. 14B

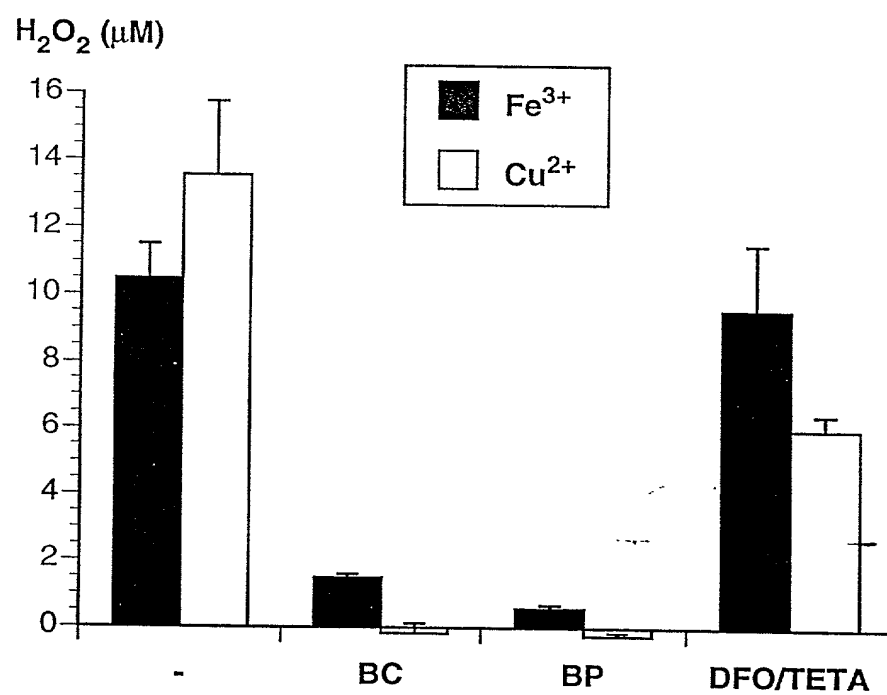


Fig. 14C

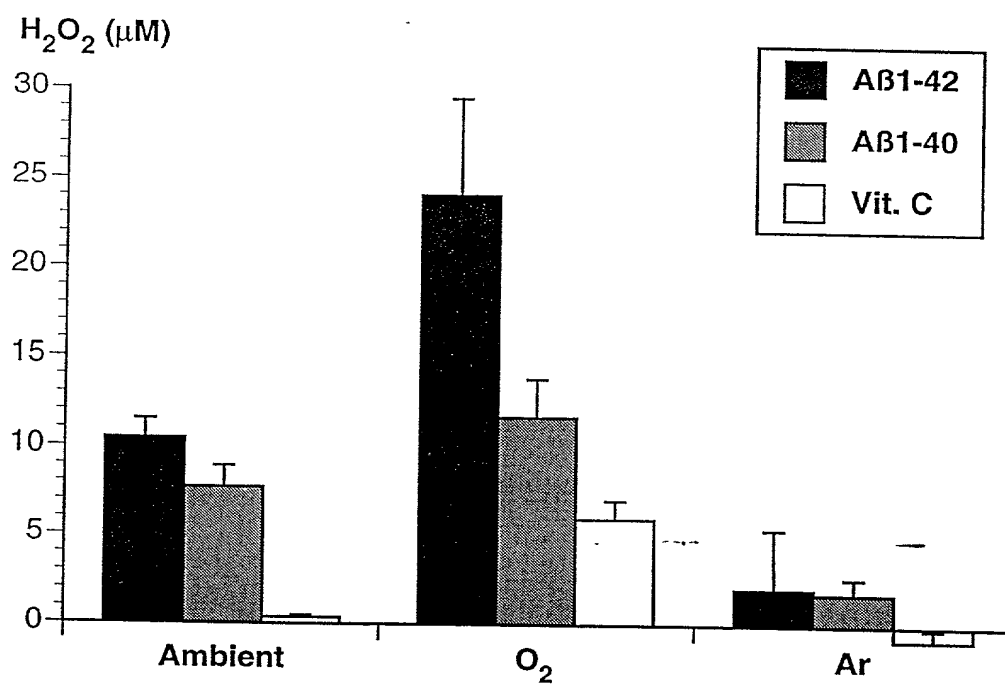


Fig. 14D

A bar graph showing the concentration of H_2O_2 (μM) on the y-axis (ranging from 0 to 30) for three conditions on the x-axis: Ambient, O_2 , and Ar. For each condition, three bars represent A β 1-42 (black), A β 1-40 (hatched), and Vit. C (white). Error bars are present on all bars.

Condition	A β 1-42 (μM)	A β 1-40 (μM)	Vit. C (μM)
Ambient	~13.5	~10.2	~1.8
O_2	~26.5	~13.2	~7.5
Ar	~5.2	~3.5	~0.2

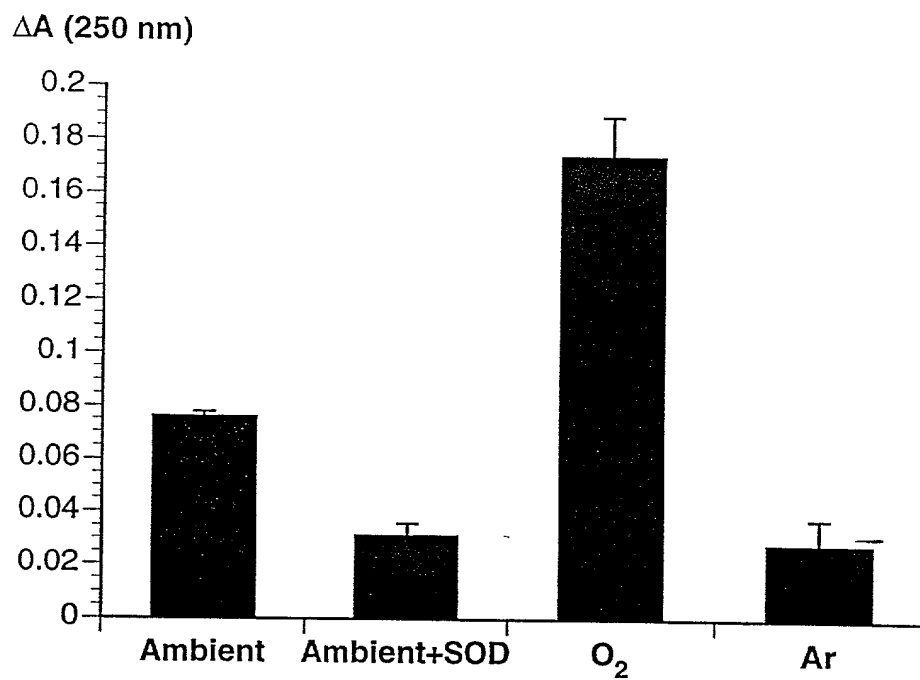


Fig. 15A

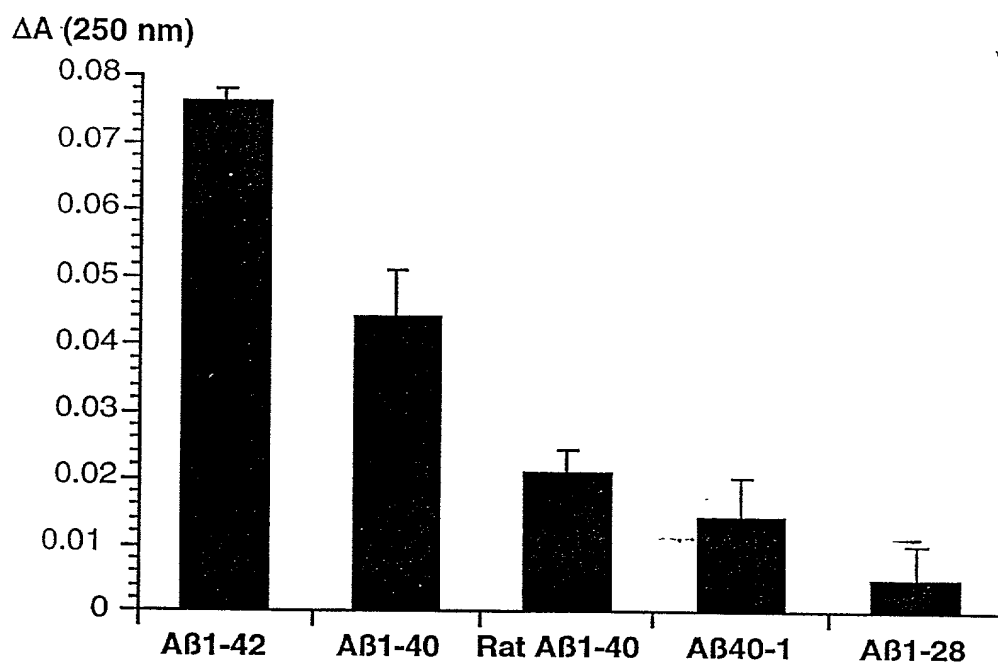


Fig. 15B

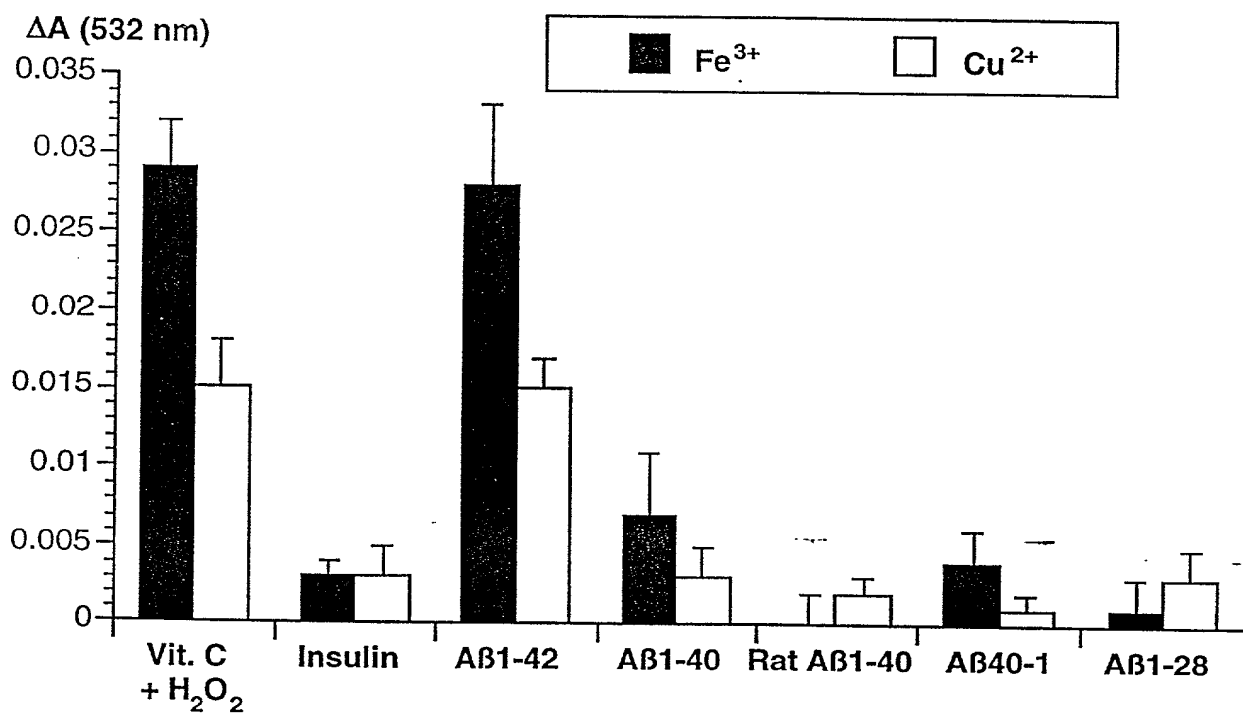


Fig. 16A

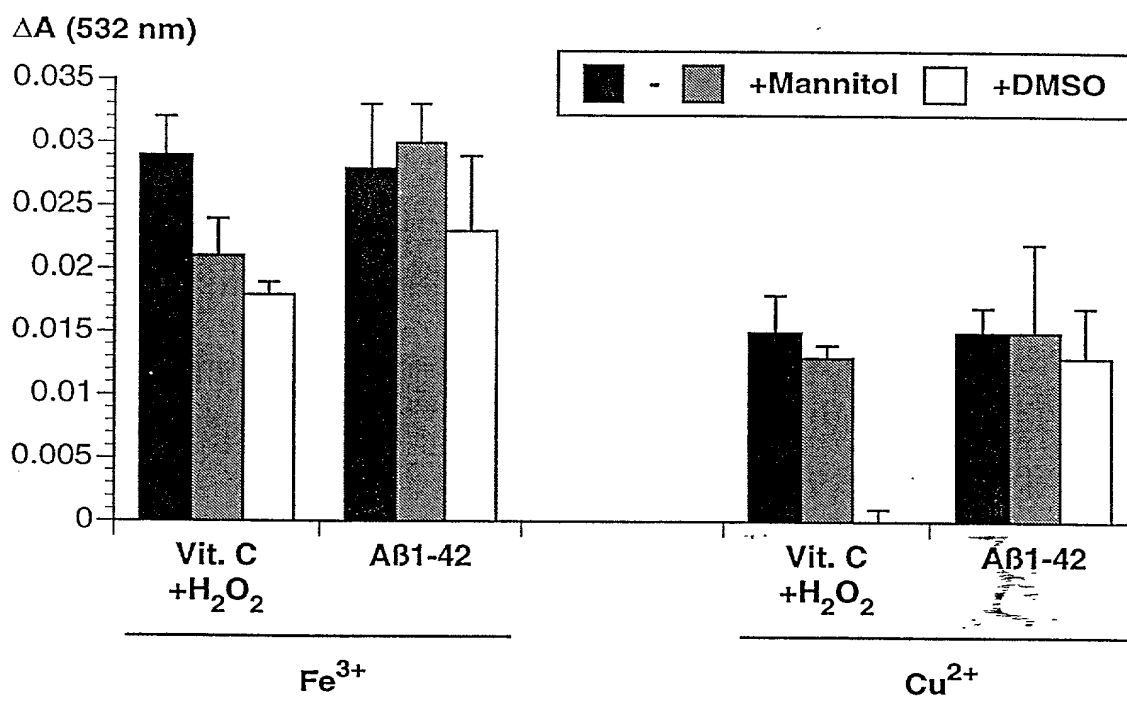


Fig. 16B

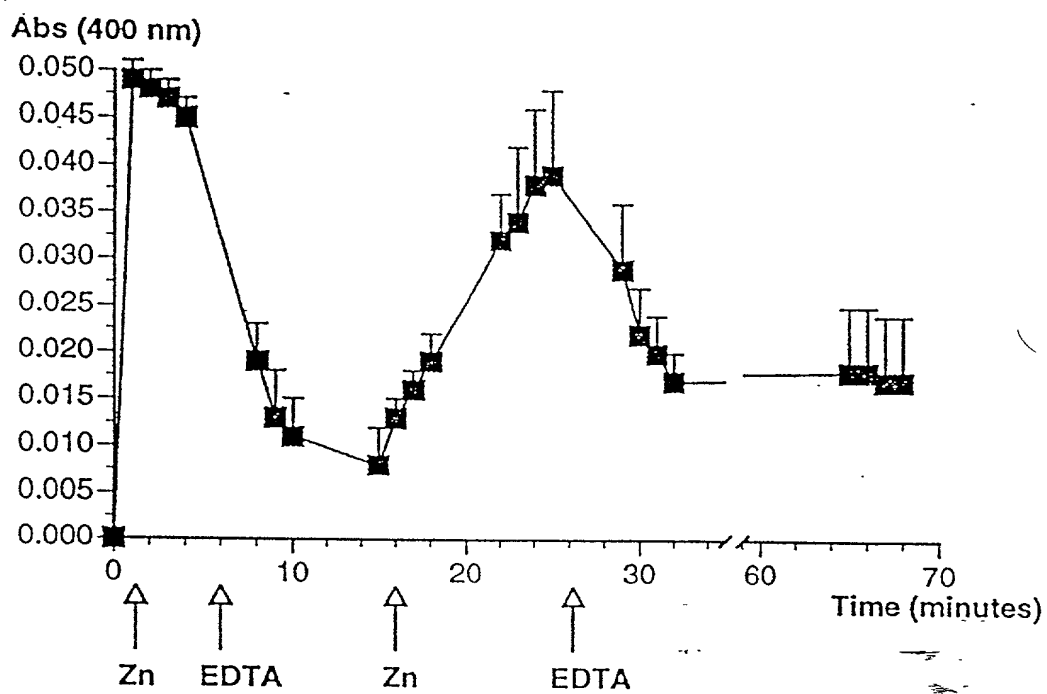


Fig. 18

TPEN (mM)

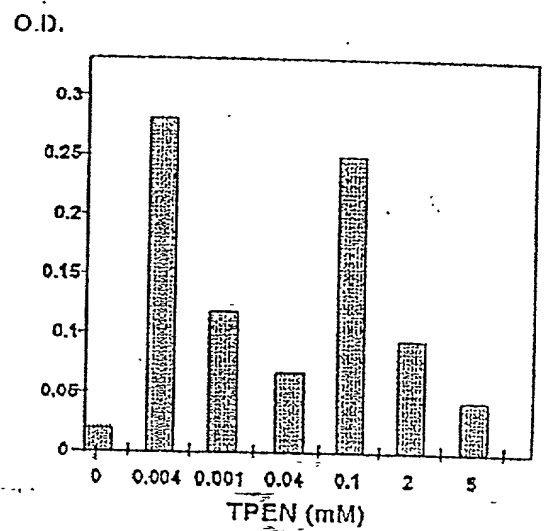
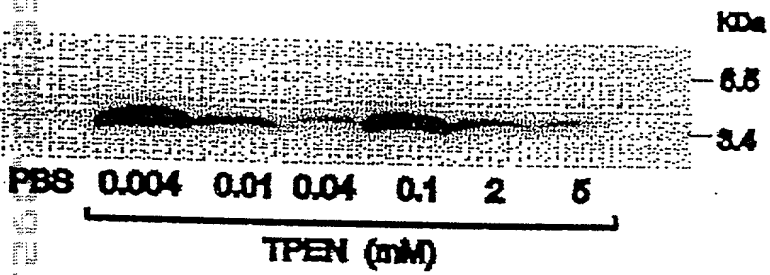


Fig. 19A

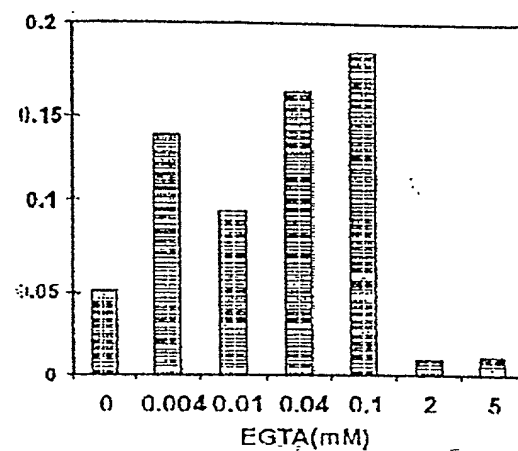
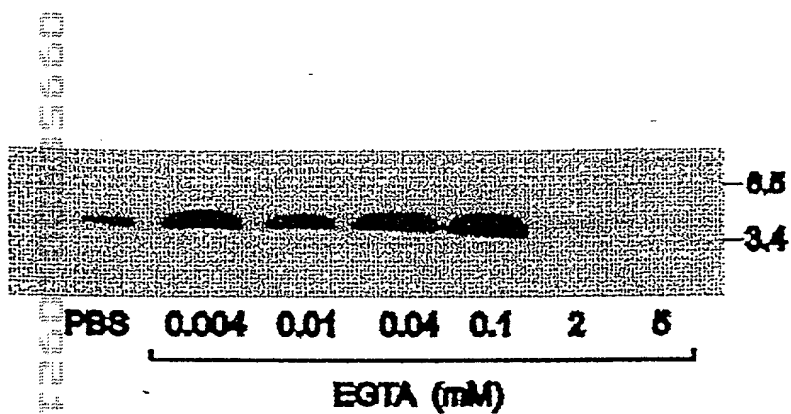


Fig. 19B

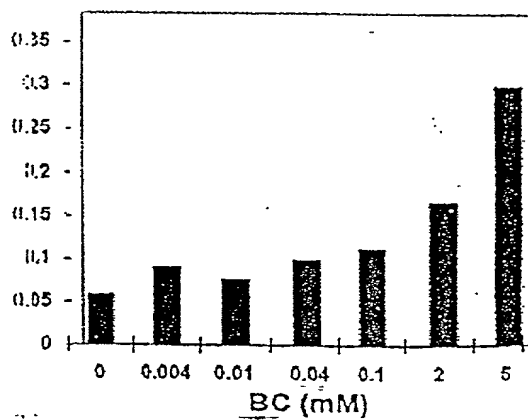
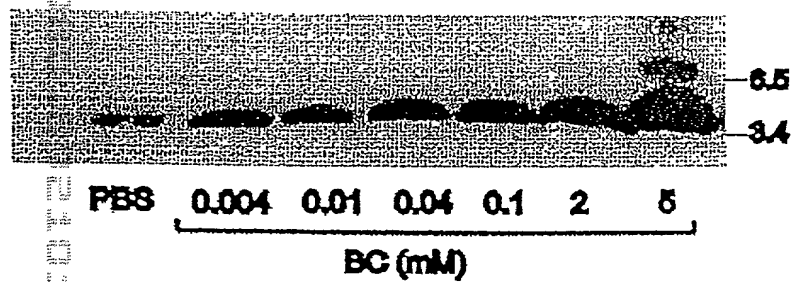


Fig. 19C

AC 14706

SECRET

FBI T Y E E M S 1-00 1-00

8.1 2.8 8.1 2.8 6.1 2.8 3mg 3mg

Copied from

Age- matched control- (indicative gel)

Fig. 20A

C AD C AD C AD C AD C AD

TBS EDTA EGTA PEN TPEN

Young control vs AD, various chelators. 5mM

Fig. 20B

Fig. 21

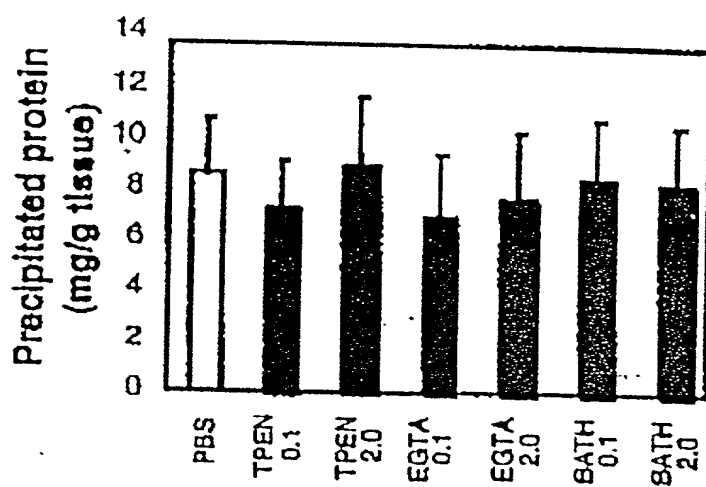


Fig. 22

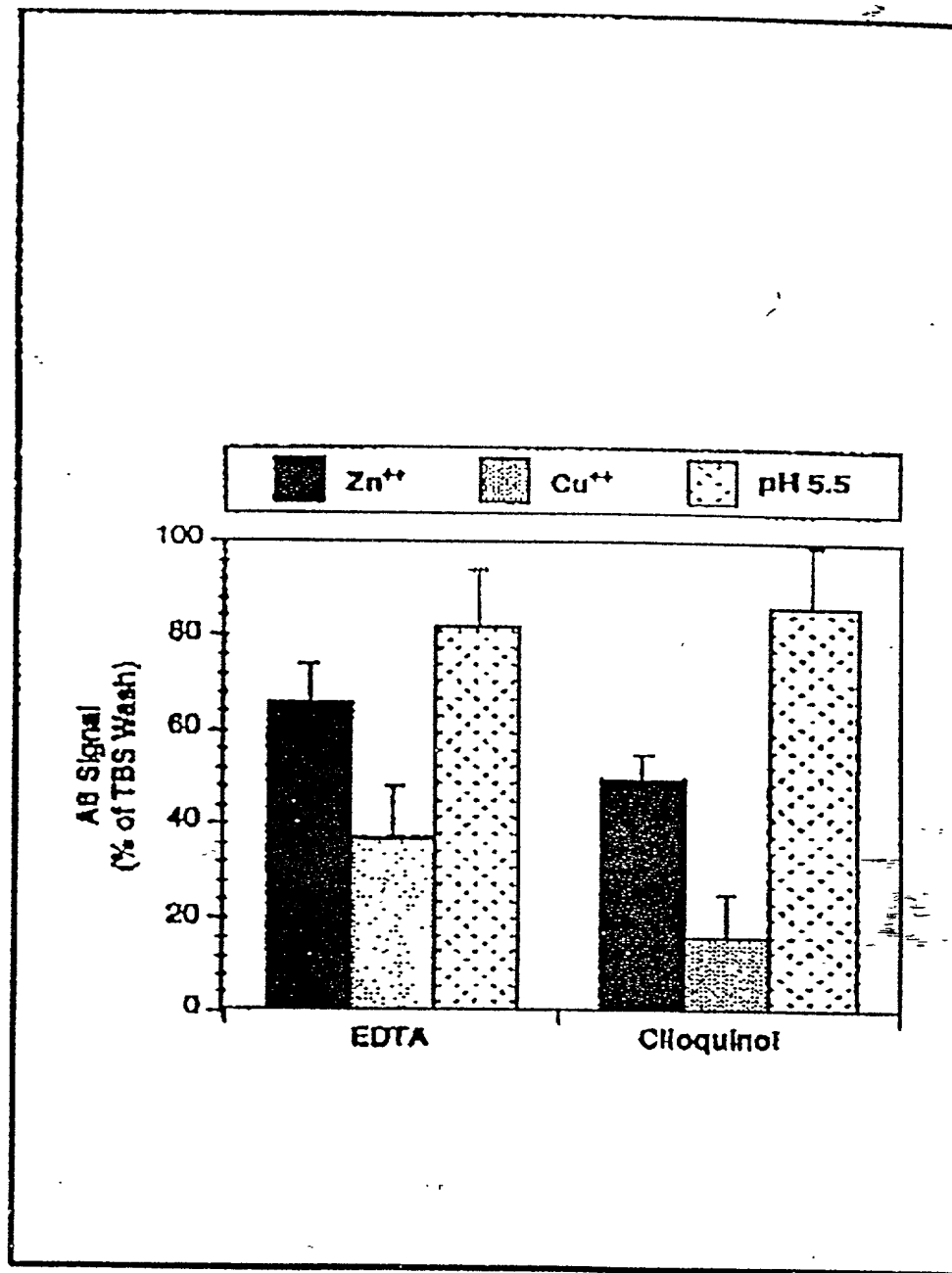


Fig. 23

005500 005500

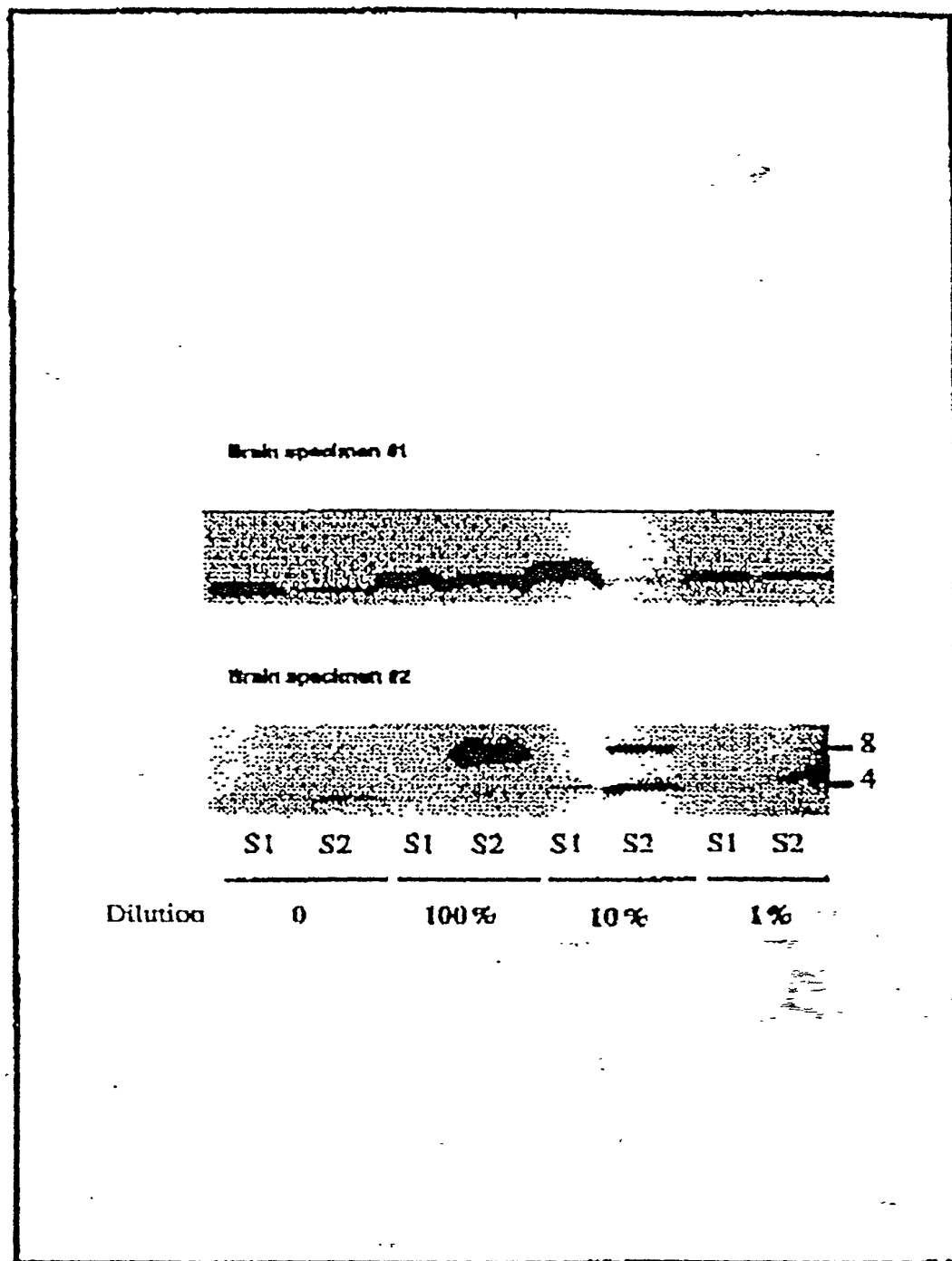


Fig. 24

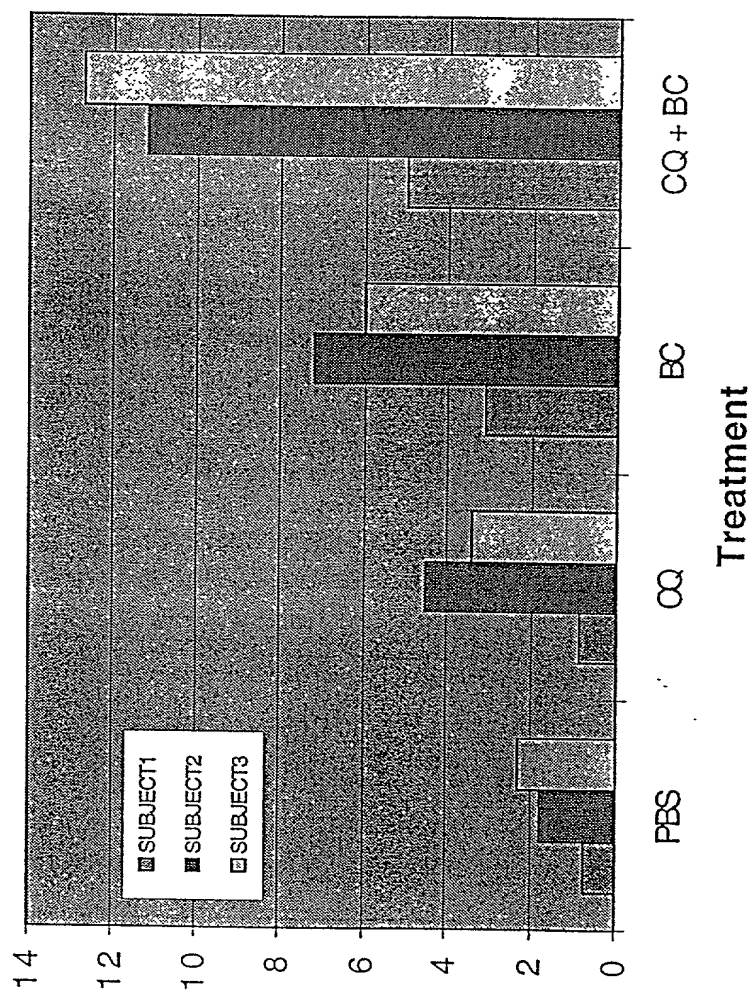
PER	1%	10%	40%	70%	100%	1-40 1-40
						8.5g 2g

Fig. 25A

Clioquinol concentration	Optical Density
0%	1.8
1%	3.8
10%	4.4
40%	5.0
70%	4.9
100%	4.3

Fig. 25B

Fig. 26



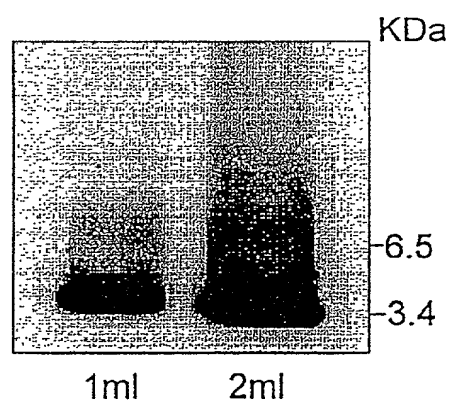


Fig. 27

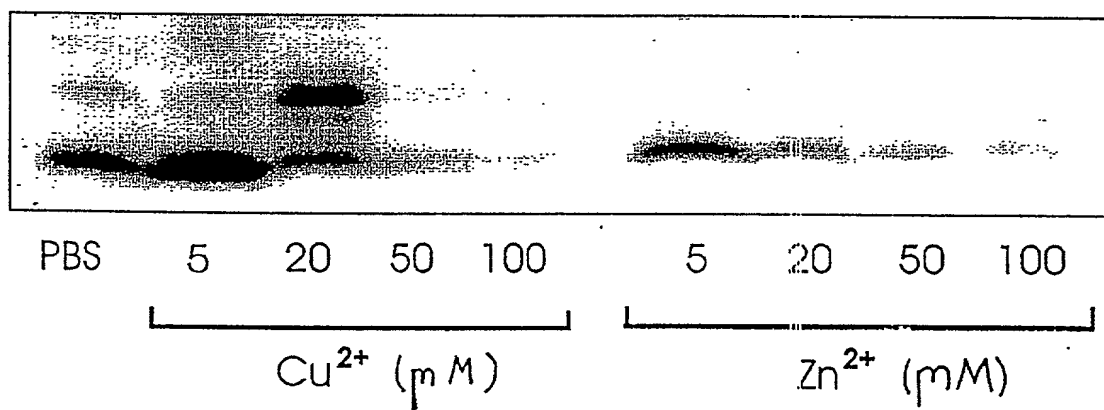


Fig. 28A

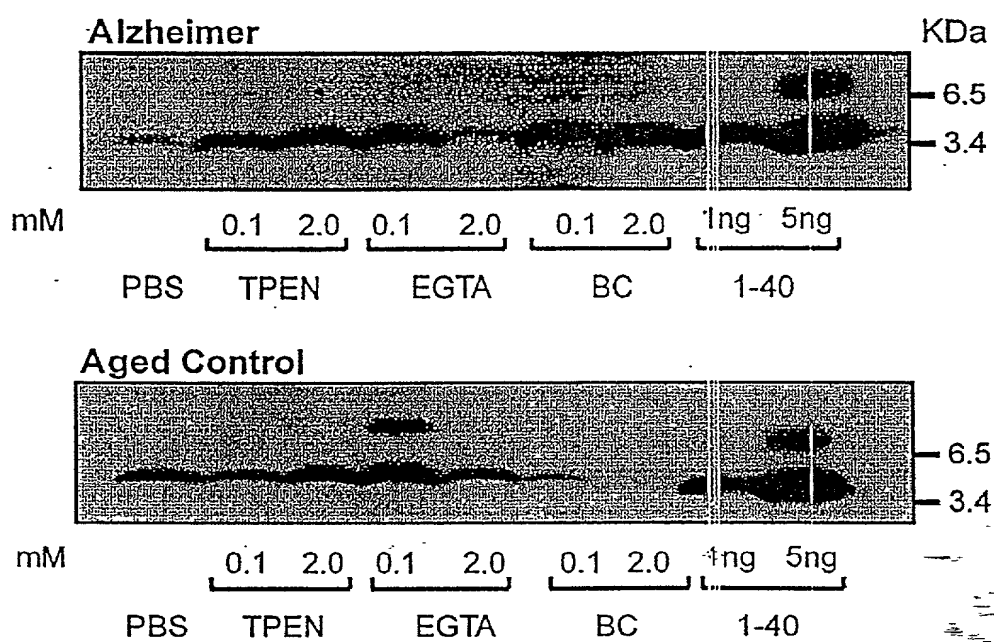


Fig. 29A

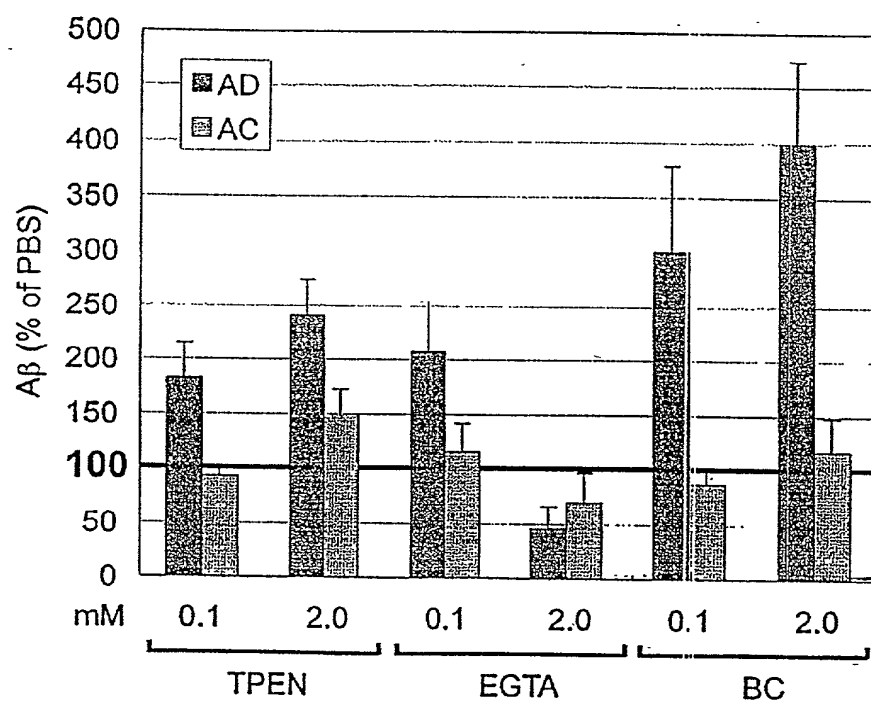


Fig. 29B

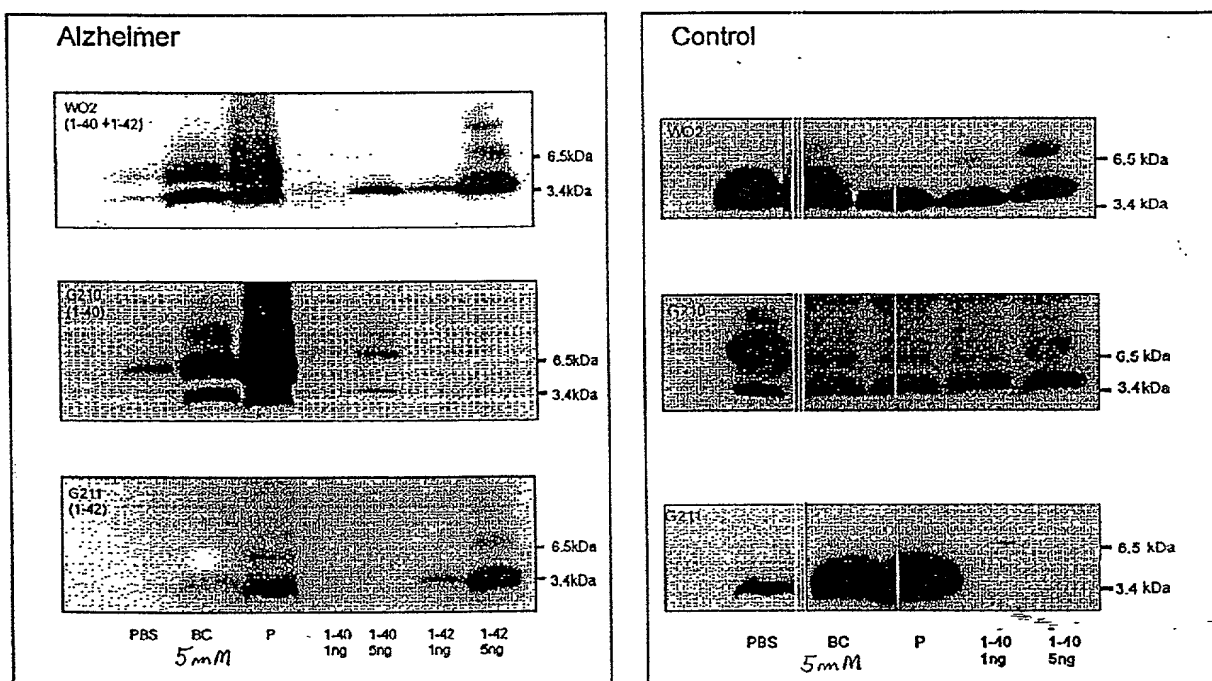
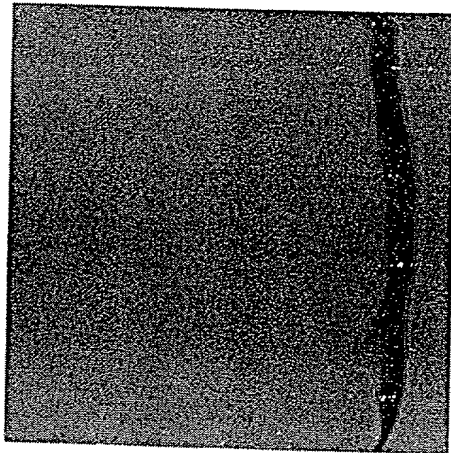


Fig. 30

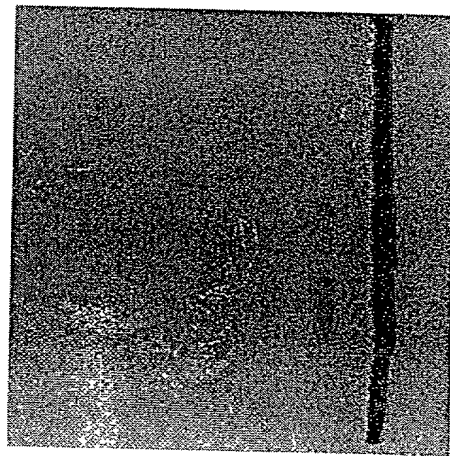
AB1-40

Metal - Cu Cu Fe Fe
pH 7.4 7.4 6.6 7.4 6.6



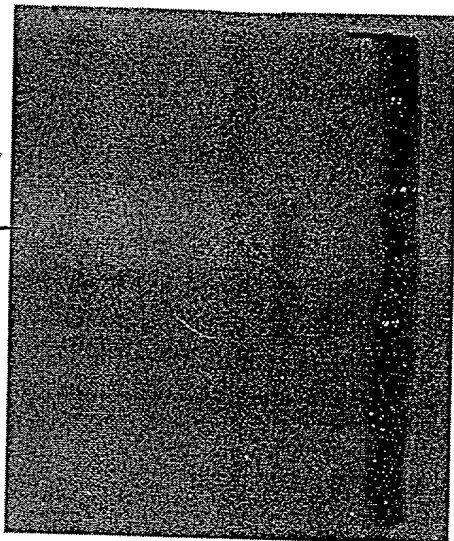
Day 0

Day 3

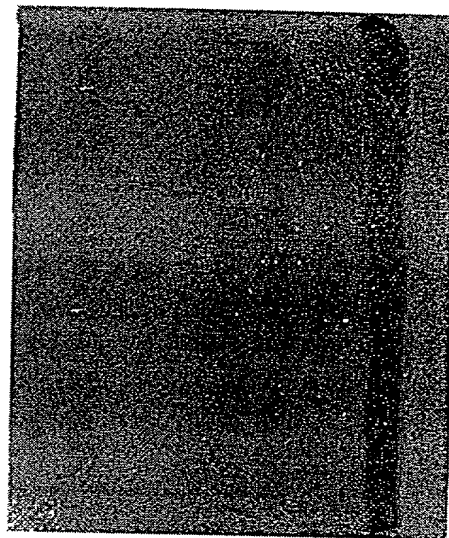


AB1-42

- Cu Cu Fe Fe
7.4 6.6 7.4 6.6 7.4 6.6

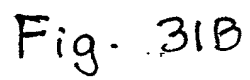


-21.5
-14.3
-6.4
-3.5



-21.5
-14.3
-6.4
-3.5

Fig. 31A

[illegible]

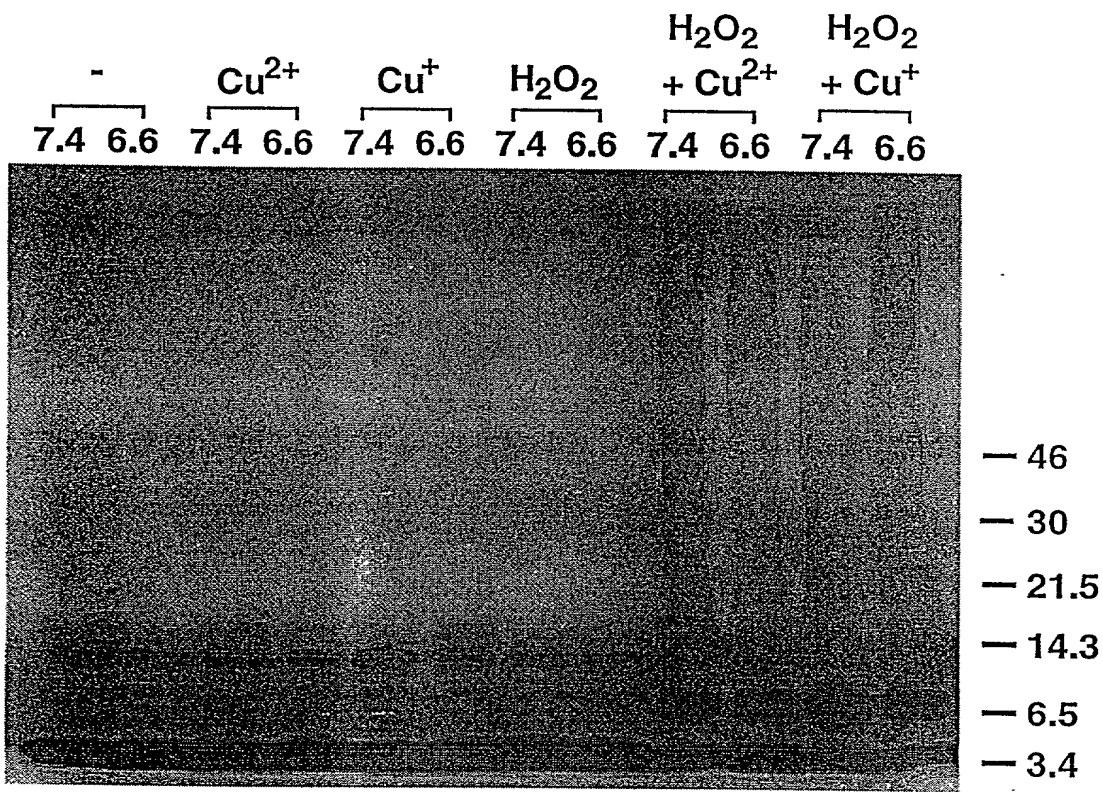


Fig. 32A

00560-0944

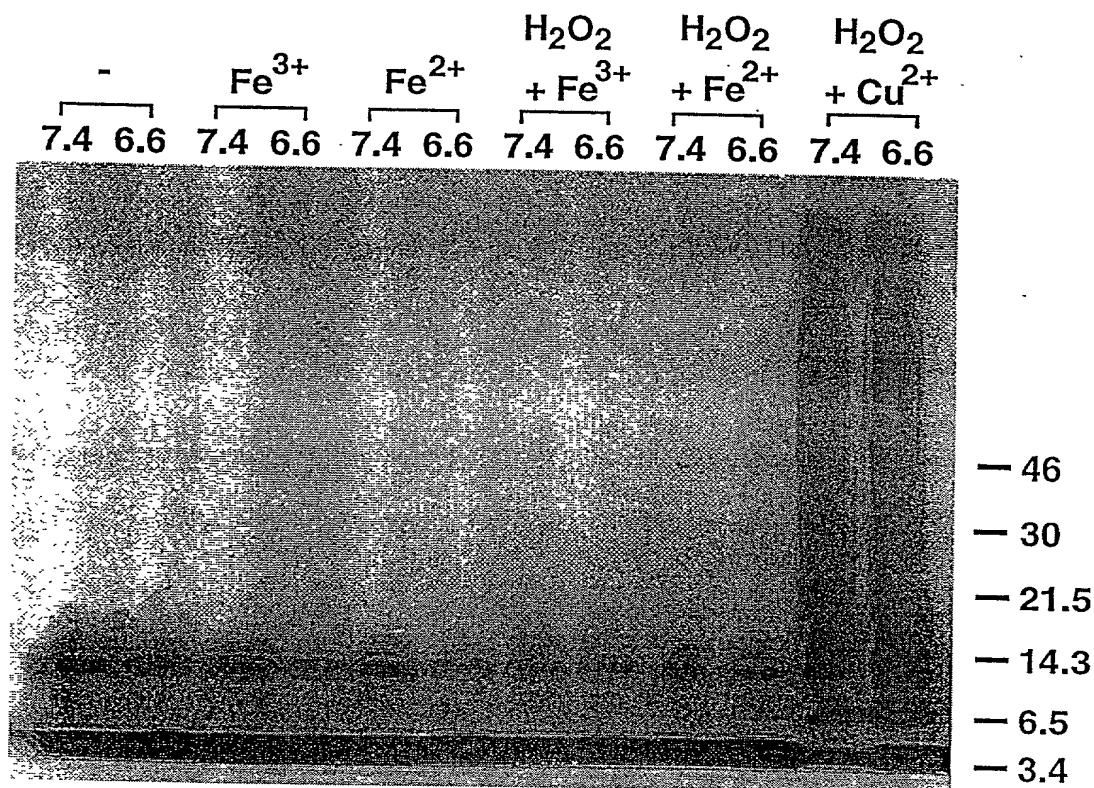
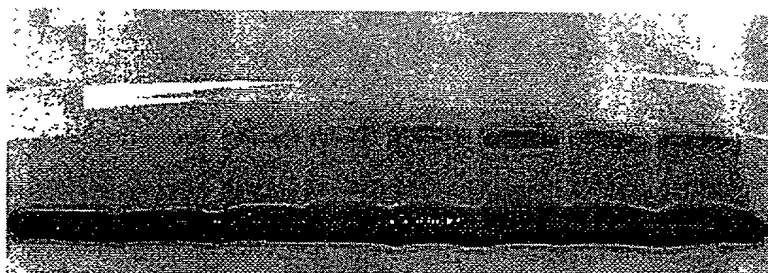


Fig. 32B

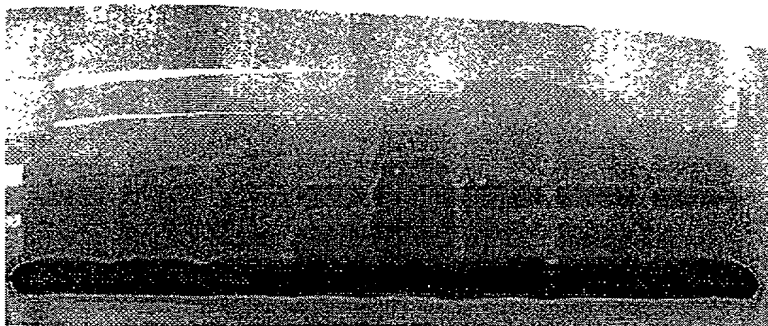
						Cu^{2+}	
-		BC		Cu^{2+}		Cu^{2+} + BC	
7.4	6.6	7.4	6.6	7.4	6.6	7.4	6.6

Day 0



— 30
— 21.5
— 14.3
— 6.5
— 3.4

Day 3



— 30
— 21.5
— 14.3
— 6.5
— 3.4

Fig. 32C

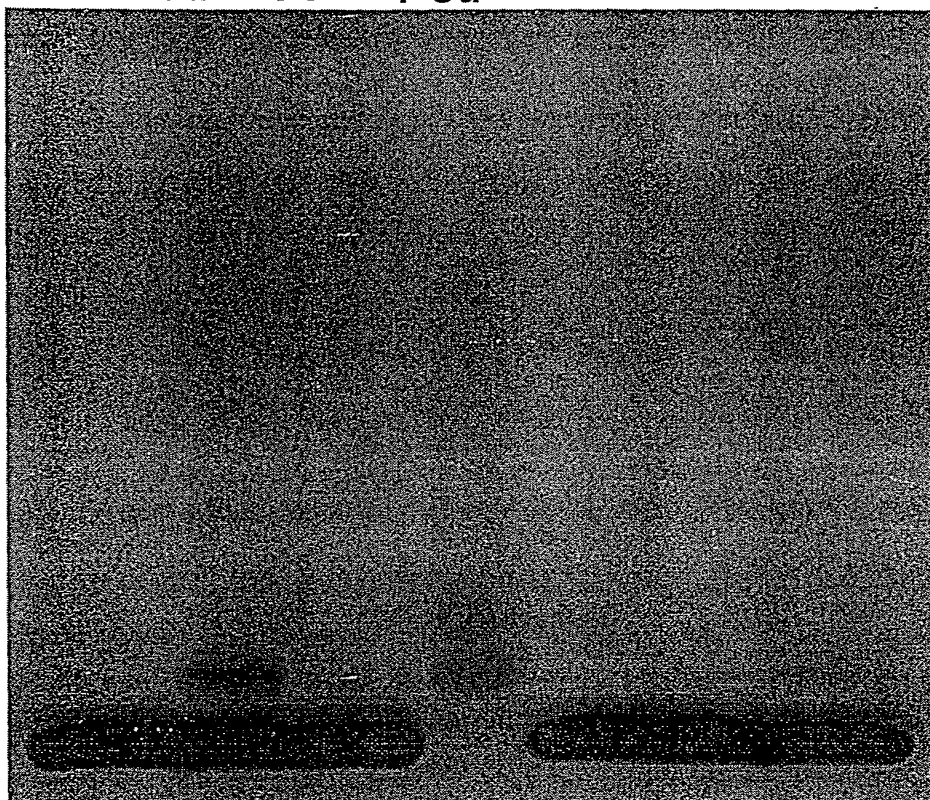
$$- \text{Cu}^{2+} \text{ Fe}^{3+} + \text{H}_2\text{O}_2 + \text{Cu}^{2+} \text{ Fe}^{2+} + \text{H}_2\text{O}_2 + \text{Asc. acid} \text{ TCEP} \text{ Cu}^{2+} \text{ TCEP}$$


Fig. 33A

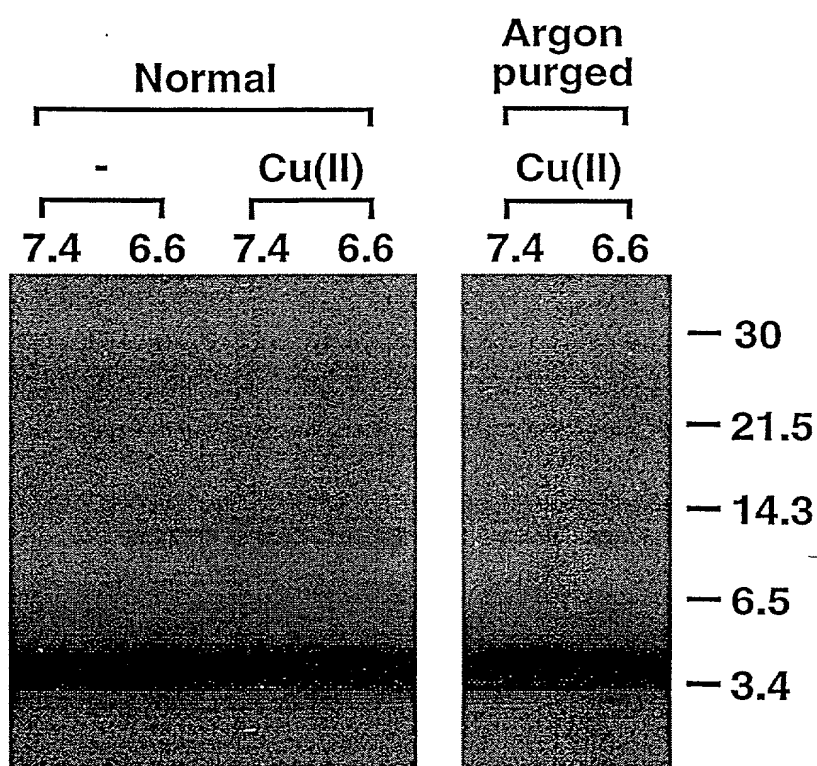
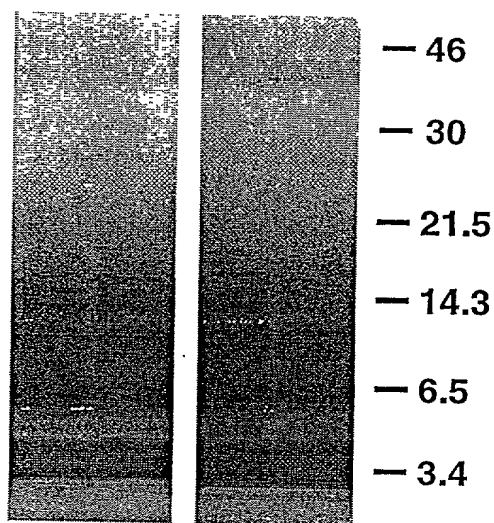


Fig. 33B

Polymerization
reaction

Urea

$AB_{1-42} + Cu^{2+}$
- 9 M
7.4 6.6 7.4 6.6



Polymerization
reaction

Urea

$AB_{1-42} + Cu^{2+} + H_2O_2$
- 4.5 M 9 M
7.4 6.6 7.4 6.6 7.4 6.6

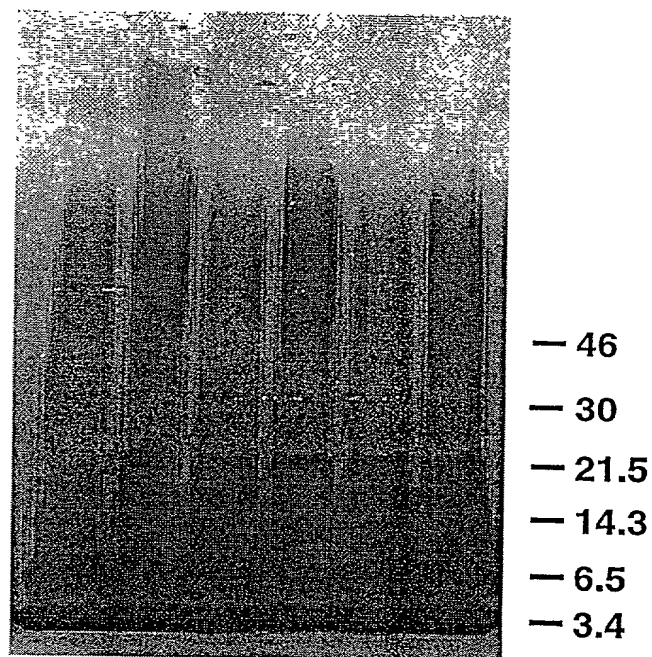


Fig. 34A

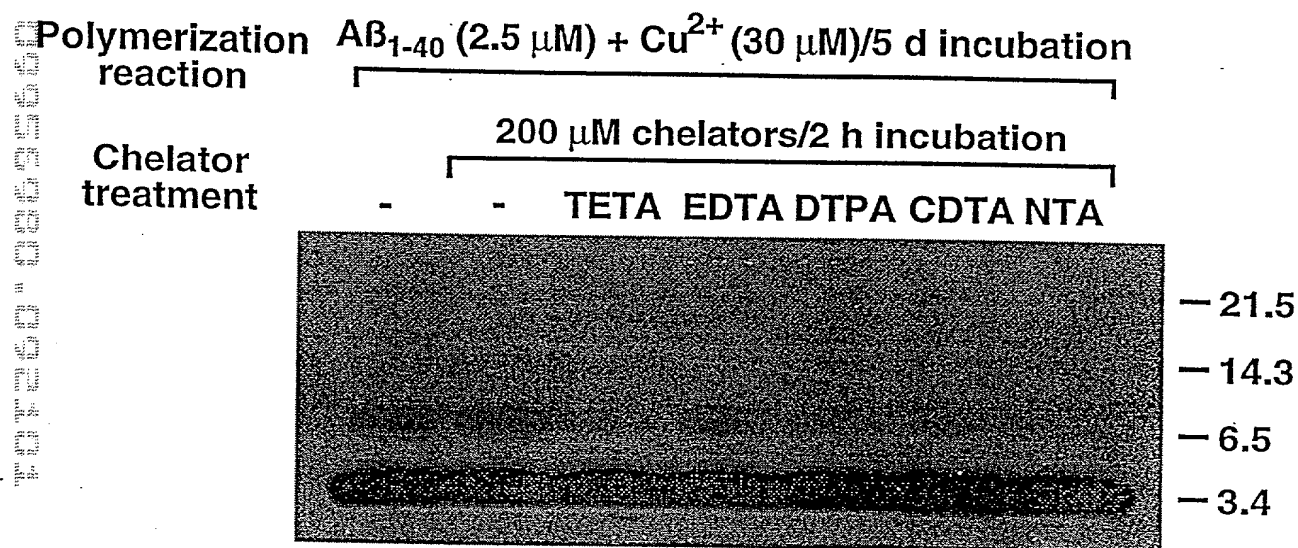
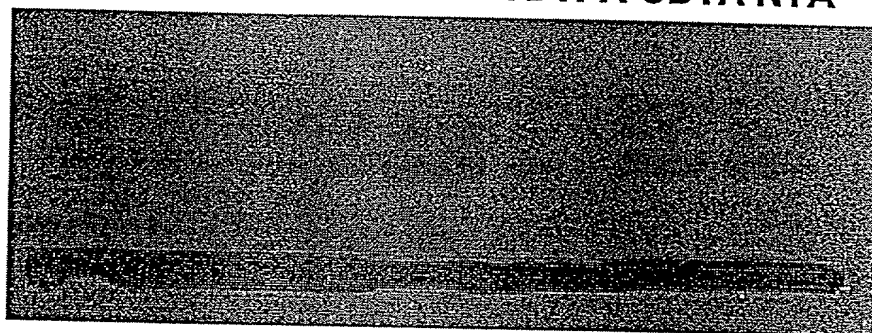


Fig. 34B

[illegible]

- TETA EDTA DTPA CDTA NTA



- 21.5
- 14.3
- 6.5
- 3.4

Fig. 34c

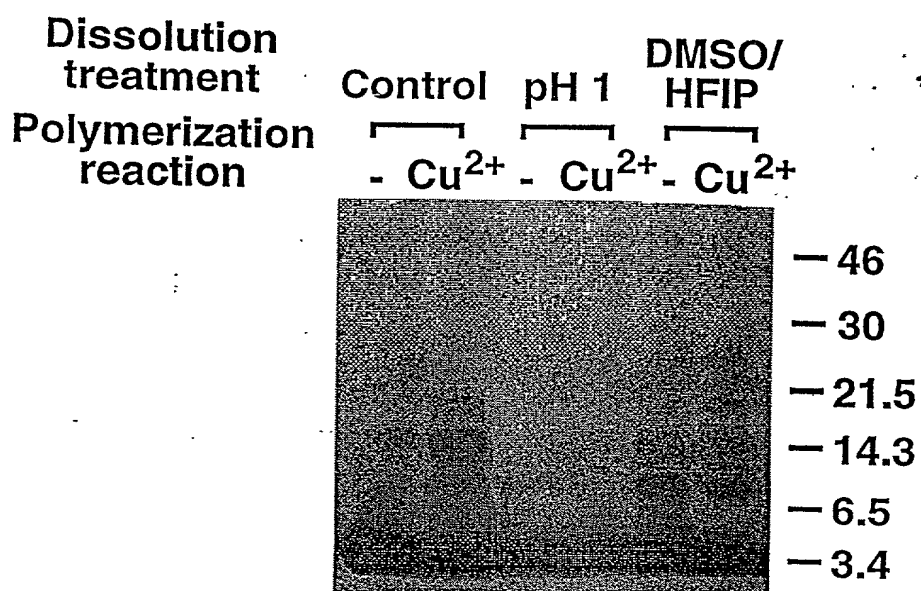


Fig. 340

095500 000000

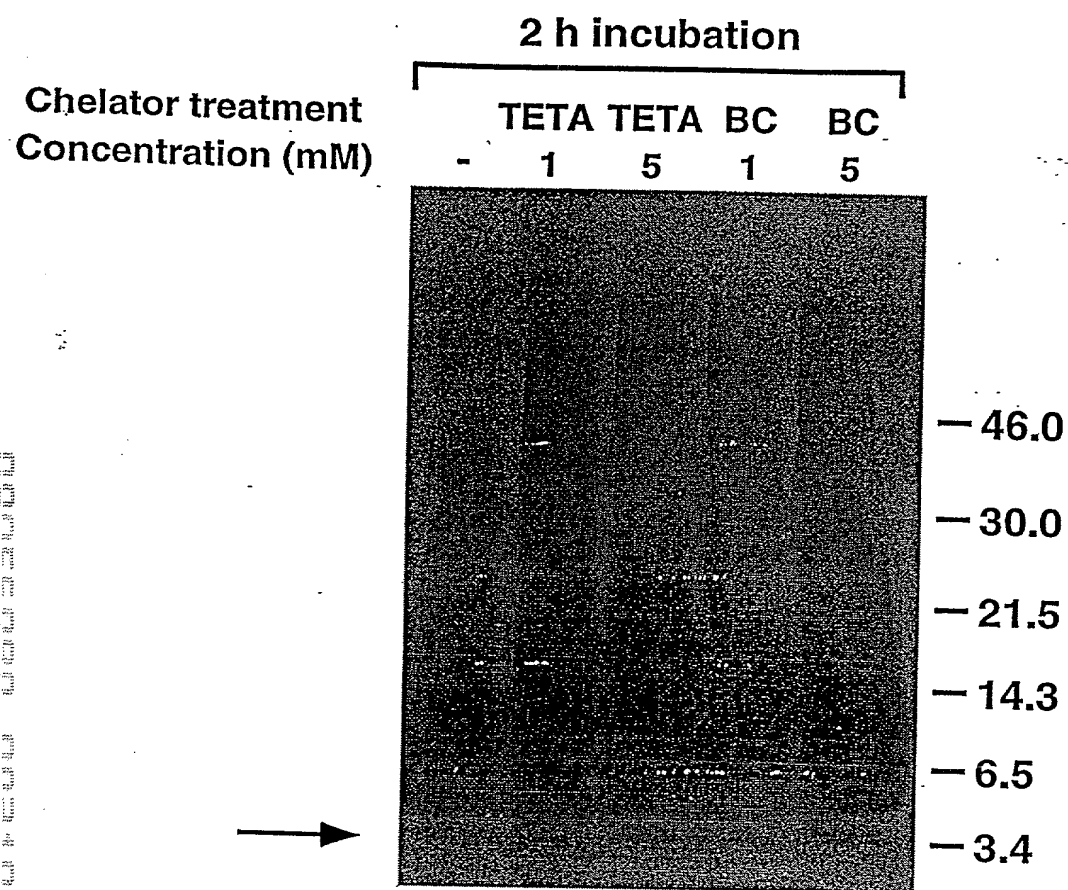


Fig. 34E